GE
Lighting Solutions

Industrial Lighting

Versabeam ™ (VB5)

imagination at work

Product Features

GE Indoor Lighting luminaires are designed to produce optimum illumination from the lamp, optical system and ballast, while providing specific light patterns for specific applications. These reliable systems help to improve safety and energy savings, while enhancing productivity and efficiency, to put your industrial workplace in the best possible light.

Applications

- For 15 to 35 ft. (5 to 11 meter) applications requiring high efficiency and the need for low glare with HID lighting
- Especially useful in difficult assembly and machine situations
- Can be used in place of either high bay or low bay conventional luminaires
- Very effective in sites that have obstructions

Housing

- Symmetrical heavy duty die-cast aluminum ballast housing

Finish

- Polyester powder gray or white paint finish

Ratings

- 1598 Listed Suitable for Damp Locations
- 1598 Listed for metal halide lamps in polymeric lamp containment barriers
- Listed to Canadian standards and codes

Mounting

- Single casting integral hook/loop and mounting plate is available
- Threaded slide-in mounting adapter for easy mounting

Reflectors

- ALGLAS® finish on faceted reflector

Unique Features

- Enclosed and gasketed optics
- Mag-Reg = 40°C GEN 5, Mag-Reg = 55° C GEN 6
- UV stabilized injection molded prismatic refractor for low brightness
- Refractor with combination of reflecting and refracting prisms for high efficiency and good brightness and control
- In-line EZ Connect™ plug-in adapter port allows for:
  - hook/loop, cord & NEMA plug
  - plug-in modular wiring systems
  - plug-in fuse kits
- Mogul base socket - E39 standard
- Safety chain provisions
- Shipped as components: Ballast, Optical
- Magnapack available for ballast
- Pulse start system for metal halide available

Ordering Number Logic

Versabeam ™ (VB5)

VB5 - _ - __ - _ - _ - _ - **EA** - __ - __ - _

PROD. ID	COLOR	WATTAGE	LIGHT SOURCE	VOLTAGE	BALLAST TYPE	OPTICAL CODE	PHOTOMETRY CODE	MOUNTING CODE	OPTIONS
VB5 = Versabeam Luminaire	**G** = Gray **W** = White	**17** = 175 **25** = 250 **32** = 320 **35** = 350 **40** = 400	**E** = Energy Act Compliant Pulse MH (EPMH) **S** = HPS For International Markets only M = MH **P** = Pulse Start MH **Note:** Lamp is vertical base up. Lamp not included.	**60Hz** **0** = 120/208/240/277 MULTIVOLT **1** = 120 **2** = 208 **3** = 240 **4** = 277 **5** = 480 **D** = 347 **F** = 120X347 **T** = 220 **50Hz** **6** = 220 **R** = 230 **Y** = 240 **G** = 380	See Ballast Selection Table **A** = Autoreg **D** = System 3 Bilevel Autoreg **G** = CANADIAN Mag-Reg (Grounded Socket Shell) **H** = HPF Reactor or Lag **M** = Mag-Reg	**EA** = Enclosed Acrylic	**XX** = Select Code Below	**XX** = Select Code Below **11** = Pendant mounting **13** = Provision for Slide-on Primary Electrical Disconnect. Order TWOBP Box (Thru Feed apability Only) Separately. (Not available with D or W option) **14** = Provision for Slide-on Primary Electrical Disconnect. (Pendant and Thru Feed Capability) Order PED Box Separately (Not available with D and W option) **15** = Prewire with EZ Loop, Cord and Plug Part of "Power Hook". Order Receptacle/Hook Box Separately. (Not CSA/CUL) **31** = Prewire with EZ-Hook, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug **33** = Prewire with EZ-Loop, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug (Order locking receptacle hook box separately.) **MODULAR PREWIRE** **41** = ACS with 3-ft (0.9 meter) cord & EZ-Hook **69** = ACS with 6-ft (1.8 meter) cord & EZ-Hook **43** = ACS with 3-ft (0.9 meter) cord & EZ-Loop **70** = ACS with 6-ft (1.8 meter) cord & EZ-Loop **PLUG-N-GO** **51** = Plug-N-Go with 3 ft. (0.9 meter) Cord & Hook **71** = Plug-N-Go with 6 ft. (1.8meter) Cord & Hook **53** = Plug-N-Go with 3 ft. (0.9 meter) Cord & Loop **72** = Plug-N-Go with 6 ft. (1.8 meter) Cord & Loop **Note: ACS** = Flex 3+ **Plug-N-Go** = FSC Series	**A** = 65°C maximum ambient** **B** = Time Delay Automatically Switch Quartz **F** = Fusing* **G** = Secondary Wiring Access. 7/8 in. dia. knockout **Q** = Non-Time Delay Automatically Switched Quartz **R** = Non-Switched Quartz. **T** = E40 / European Socket **Not available with multivolt **65°C available for 250 watt Ballast only. Other wattages may be available, contact factory.

Photometric Selection Table

EA, Optical - Enclosed Acrylic				
Wattage	Light Source	Photometric Curves	Optical Code	Photometry Curve
175	EPMH	178508	EA	AV
250	EPMH	178508	EA	AV
320 ED28*	EPMH	178508	EA	AV
350	EPMH	178437	EA	AA
400	EPMH	178437	EA	AA
250	HPS	178438	EA	AG
400	HPS	178438	EA	AG

*320 watt, ED28 pulse start MH
NOTE: Socket position is fixed and not field adjustable.

Ballast Selection Table

		Ballast Type / Voltage 60HZ					50HZ			
Wattage	Light Source	Multivolt	120, 208 240, 277 480	347	120 x 347	220	220	230	240	380
250	**HPS**	**A,M**	**A,D,G,M**	**A,D,G**	**A**	**A,H**	**A,H,M**	**A,H**	**A,H**	**M**
400	**HPS**	**A,M**	**A,D,G,M**	**A,D,G**	**A**	**A,H**	**A,H,M**	**A,H,M**	**A,H,M**	**M**
175	**MH**	**A**	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A
250	**MH**	**A**	**A,D**	**A,D**	**A**	**A**	**A**	**A**	**A**	N/A
400	**MH**	**A**	**A,D**	**A,D**	**A**	**A**	**A**	**A**	**A**	N/A
PULSE START METAL HALIDE LIGHT SOURCE BALLAST SELECTION TABLE										
175	**EPMH**	N/A	**A**	**A**	N/A	N/A	N/A	N/A	N/A	N/A
250	**EPMH**	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A	N/A
320	**EPMH**	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A	N/A
350	**EPMH**	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A	N/A
400	**EPMH**	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A	N/A

NOTE: N/A = Not Available
* H is HPF-Linear Reactor available as 277 volt only.
Cannot be used with Automatic Switch Quartz Option.

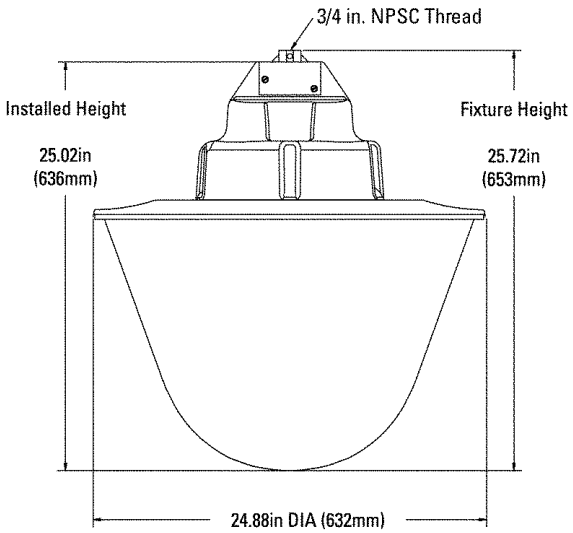
CANADIAN NOTES:

1. "A", Autoreg, and "D", Bilevel Autoreg available 120, 277 or 347 volts only
2. 208, 240, and 480 volts require CWI ballast. Use "G" when available. Contact factory for all others.
3. Multivolt not available.
4. 208, 240 and 480 volts with "G" ballast not available with switched quartz.
5. Mag-Reg ballast has a maximum Ambient of 40°C for GEN 5 ballast housing and maximum Ambient of 55°C for GEN 6 ballast housing. Optical VM-EA required.

Product Dimensions

NOTES
Previous Versabeam optical assembly VB-EA will not fit Generation 5 ballast housing assembly. Contact factory for adapter.

NOTES
See explanation on "Optical Flexibility".



DATA

- Approximate Net Weight: Ballast and Optical 35-38 lbs (16-17) kgs)

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